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**Title:** JP01234531A2: METHOD OF RECOVERING PLATINUM GROUP ME1

**Derwent Title:** Recovery of platinum from base metal oxide material - by heating in flow of chlorine gas and using ammonium salt as collecting agent [Derwent Record]

**Country:** JP Japan

**Kind:** A

**Inventor:** SHOJI TORU;

**Assignee:** TANAKA KIKINZOKU KOGYO KK
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**Published / Filed:** 1989-09-19 / 1988-03-16

**Application Number:** JP1988000062686

**IPC Code:** IPC-7: C22B 11/02; C22B 11/06;

**Priority Number:** 1988-03-16 JP1988000062686

**Abstract:**    PURPOSE: To easily and efficiently recover a platinum group metal by passing chlorine while heating the recovered matter consisting of the platinum group metal and base body metal oxide to evaporate the platinum group metal as a chloride and capturing the chloride by an ammonium salt
   CONSTITUTION: The recovered matter 1 deposited with the platinum group metal on the base body metal oxide is put into a chlorinizing vessel 4 and the vessel 4 is heated by an electric furnace 2. Gaseous chlorine is passed in the furnace from a gaseous chlorine introducing pipe 3 to evaporate the platinum group metal in the form of the chloride. The chloride is captured by a complex salt forming agent such as $NH_4Cl$ loaded into a capturing agent layer 5 of the ammonium salt. The capturing agent is taken out and is dissolved with water, then the platinum group metal such as Pt is recovered. The platinum group metal is thereby efficiently recovered in a short period of time.
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**Family:** None

**Other Abstract Info:** DERABS C89-314841 DERC89-314841

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